

04 JAN 2005

520,167

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date
15 January 2004 (15.01.2004)

PCT

(10) International Publication Number
WO 2004/006547 A1

(51) International Patent Classification⁷: H04M 1/00,
1/725

(74) Agent: CHRISTENSEN, Mikael, T.; c/o Oticon A/S,
Strandvejen 58, DK-2900 Hellerup (DK).

(21) International Application Number:
PCT/DK2003/000471

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,
MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG,
SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN,
YU, ZA, ZM, ZW.

(22) International Filing Date: 3 July 2003 (03.07.2003)

(84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,
SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM,
GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

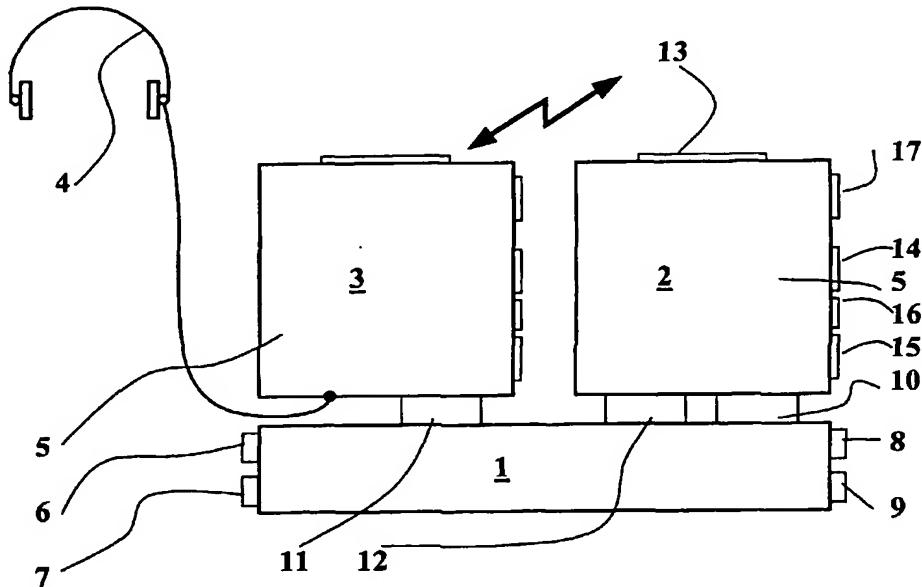
(25) Filing Language: English

Published:
— with international search report

(26) Publication Language: English

[Continued on next page]

(54) Title: WIRELESS COMMUNICATION SYSTEMS.



WO 2004/006547 A1

(57) Abstract: The invention relates to a communication system for use in connection with a stationary communication line, the communication system comprising two input/output units, each input/output unit comprising a first connector for connection of a communication line, a second connector for connection of an input/output device, a rechargeable battery and a third connector for connecting a charging voltage to the rechargeable battery, whereby the units comprise transmitters and receivers for communicating wireless a communication signal in one direction from a first input/output unit to a second input/output unit and in another direction from the second input/output unit a communication signal for input to the communication line.



- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.